



BOROUGH OF NEW WINDSOR.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE

INSPECTOR OF NUISANCES

FOR THE YEAR 1900.

Windsor :

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ANNUAL REPORT
OF
THE MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1900.



TO THE MAYOR, ALDERMEN, AND COUNCILLORS OF THE
BOROUGH OF NEW WINDSOR.

MR. MAYOR AND GENTLEMEN,

The estimated population of the Borough of **Population.**
Windsor at Midsummer, 1900 was 12,765, but there
are reasons for thinking that the actual numbers were
considerably greater.

The number of **BIRTHS** registered as occurring **Births.**
within the Borough was 261, being 50 less than
were registered during the preceding ten years. This
falling off may be partly accounted for by the circum-
stance that so many of the male population were
away at the war.

The **BIRTH-RATE** (7 Births which occurred at the
Union Workhouse being taken into account), was
21 per 1,000 living, while in England and Wales the
rate was 28·9 per 1,000 persons.

The number of **DEATHS**, corrected in respect of **Deaths.**
those which occurred in the Workhouse, and in the
Royal Infirmary, was 184, being 4 less than the mean
number recorded during the preceding ten years.

The **DEATH-RATE** was 14·4 per 1,000 persons
living, or corrected for the local abnormality of age
distribution, 14·5, while the mortality of the country
was 18·3, and that of the country districts, 17·5 per
1,000, so that the comparison is very favourable to
this town.

**Mortality at
several Ages.**

In Table 5, I have shown the rates of mortality during the several periods of INFANCY, GROWTH, MATURITY and OLD AGE, and it will be seen that while the conditions during the year were very favourable to young children the mortality of adults was above the local average.

Of Infants.

Of INFANTS, under 12 months old, 23 died, the rate being 86 for every 1,000 born, which is the lowest recorded during twenty years. The corresponding rate throughout England and Wales was 154 per 1,000.

**Zymotic
Diseases.**

The seven 'principal ZYMOTIC DISEASES' caused 13 deaths, which number is 10 below the local ten years' average. It gives a rate of 1.0 per 1,000 persons living, while the corresponding rate for England and Wales was 2.0 or, if the great towns be excluded from the reckoning, 1.6 per 1,000.

**Phthisis.
Heart
Disease.
Bronchitis.
Pneumonia.**

The mortality from PHTHISIS shows a decrease, while that from HEART DISEASE, from BRONCHITIS, and, especially, from PNEUMONIA was in excess.

Of the deaths due to zymotic disease, 6 were attributed to DIARRHŒA, 4 to WHOOPING COUGH and 3 to DIPHTHERIA.

Diarrhœa.

The mortality from DIARRHŒA shows a very satisfactory decline from the excessive rates of the preceding three or four years.

MEASLES was almost absent, and caused no death.

**Whooping
Cough.**

WHOOPING COUGH began to be prevalent towards the end of the year.

**Enteric
Fever.**

ENTERIC FEVER was notified in 7 cases, of which not one was fatal. These cases were the subject of careful enquiries, but in five cases of them the source of infection could not be discovered. One was an 'imported' case, and one may have been due to a nuisance on neighbouring premises.

DIPHThERIA was notified in 16 cases, of which 3 proved fatal. Most of these cases were, no doubt, due to direct personal inspection, but not, except in one instance where a mother took the disease, from cases under observation.

Diphtheria.

SCARLET FEVER was epidemic from the middle of September until the end of the year. Seventy-five cases were reported or discovered, but no death resulted, the disease being of the same mild type that has characterized it during the past twenty or twenty-five years. The infectivity of this form of Scarlet Fever does not appear to be very potent, and the disease seldom spreads from house to house after a case has been brought under observation. At the same time, the very mildness of the ailment tends to favour its dissemination, which is effected, as there is reason to believe, chiefly by the agency of unrecognised cases.

Scarlatina,
Epidemic of.

The following table shows the rates of mortality from 3 infectious diseases in Windsor and in England and Wales during ten years:—

	WINDSOR.	ENGLAND AND WALES.
Enteric Fever	·06	·18 per 1,000 per annum
Diphtheria	·11	·26 „
Scarlet Fever	·04	·16 „

Windsor has therefore occupied a very creditable position with respect both to the frequency and to the fatality of Scarlet Fever in comparison with other towns, and even with those which have carried out hospital isolation with the greatest thoroughness. I attribute

our success, in part, to our system of paying some compensation for loss of work and for other expenses incurred in carrying out my instructions in the matter of home isolation. For by this means the temptation to concealment is lessened, and I think that the difficulty of detecting infectious cases is greater than that of isolating them when reported.

**Hospital
Isolation.**

These considerations may help to explain the disappointing results which have hitherto attended the use of isolation hospitals, at least in the case of Scarlet Fever. But it must be remembered that such statistical evidence as is available relates to a period during which Scarlet Fever has been a mild and feebly infective disease, and that it cannot be considered improbable that we shall one day be visited by an epidemic of the virulence which belonged to it in former years. In that event the want of a hospital might be severely felt.

During the recent epidemic a trained nurse was employed to visit the elementary schools and investigate suspicious cases; and this course was, as I think, more efficacious, and was certainly less inconvenient than the alternative proceeding, that of closing the schools would have been.

Influenza.

Influenza was epidemic from February to April and caused 6 deaths.

Inspections.

A systematic inspection of the poorer quarters of the town was made by me, in company with the Inspector of nuisances, early in the year, and limited inspections from time to time, as occasion required. A considerable number of nuisances were discovered and proceedings taken for their abatement.

**Legal
Proceedings.**

In February, summonses were taken out against the owner of Victoria Cottages, in respect of a large number of nuisances, but after one case had been

heard and the charge dismissed by the justices, the remainder were adjourned and were eventually withdrawn. On the same occasion proceedings were taken under the H.W.C. Act in respect of one of the Victoria Cottages which I had represented to be unfit for habitation mainly in consequence of the dampness of its walls; but that summons, also, was dismissed. In the whole of these cottages, however, the required repairs have been carried out. I also condemned 4 other cottages, of which 2 were put into habitable condition and the other 2 patched up in view of early demolition. Three other houses whose sanitary condition was complained of were closed by their owner, and one more was condemned and closed for want of w.c. accommodation.

In November last I made representations under Part 1 H.W.C Act, concerning 2 'unhealthy areas,' and, under Part 2 of the same Act, concerning 11 houses as being 'obstructive' to the ventilation of neighbouring houses. These reports are still under consideration by the S.A.

**Unhealthy
Areas.**

Early in the year an advantageous change in the mode of dealing with the reports of the Inspector of Nuisances was made. He now makes his reports of nuisances in the first instance to the M.O.H., and takes instructions as to further action from him, instead of from the Health Committee, as had previously been the rule. The new arrangement has worked well. Under it, the Inspector has reported 228 cases of nuisance during 11 months. In 4 or 5 of these cases no further action seemed to be required, but in all the other the necessary works of repair have been carried out, or, in two or three instances, are in progress.

**Nuisances
Procedure.**

It having been determined by the Health Committee to enforce the provision of proper dust bins in

Dust Bins.

all cases where they were required, great progress has been made in carrying out this very needful reform.

**Water
Supply.**

Samples of water from each of the wells supplying the Public Waterworks have been submitted to the Chemical Analysis and to bacteriological examination, at the Jenner Institute, and the works themselves have been inspected by myself. The water was found to be of good quality, but it was thought expedient that cultivation of the ground in the immediate vicinity of the wells should be discontinued.

**Private
Wells.**

Very few private wells are still remaining in Windsor. Samples of water from two of them were submitted to analysis during the year, of which one was condemned as impure. In that case a supply from the public mains was provided in substitution.

Bye-Laws.

Early in the year I made a recommendation for the adoption of amended Bye-Laws for the regulation of Slaughter Houses and of Common Lodging Houses, the codes in force being somewhat antiquated and defective in some, for the most part, not very important particulars. The revised codes have been recently adopted, and the further suggestion, which I have more than once advocated, that certain Bye-Laws should be made under the P.H.A.A. Act is under consideration. But greater strictness in the enforcement of existing Bye-Laws is also desirable. There is, for instance, a Bye-Law which forbids the occupation of a new house until a written certificate has been given that it is 'in all respects fit for habitation'—a valuable regulation which has been, as I am informed, habitually set at naught.

**Refuse
Destructor.**

We are still without a Refuse Destructor, but the delay is entirely due to the difficulty of procuring a suitable site.

The arrangement under which infected bedding and clothes are treated at the establishment belonging to the Slough Urban Authority, is, from a sanitary point of view, quite satisfactory. **Disinfection of Bedding.**

Of desiderata, which appear to me to be the most pressing for the safeguarding of the public health, I would name:— **Desiderata.**

- (1) The provision of low rented tenement dwellings for the use of labourers.
- (2) An establishment of Public Baths and Washhouses.
- (3) The improved ventilation of the Town Sewers ;
- (4) A more stringent supervision of Dairy Farms ; and
- (5) The provision of a Public Abattoir and the abolition of Private Slaughter Houses.

But for the last two named objects fresh Parliamentary powers would be necessary.

Thirty-four new houses were completed during the year. **New Houses.**

The statistical tables appended differ in form from those of former years.

I have the honour to be, gentlemen,

Your obedient servant,

EDWARD CASEY,

Medical Officer of Health.

PARK STREET, WINDSOR,

February 28th, 1901.

TABLE 1.—For Whole District.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		DEATHS UNDER ONE YEAR OF AGE.		DEATH AT ALL AGES. TOTAL.		DEATHS IN PUBLIC INSTITU- TIONS.	Deaths of Non- residents registered in District.	Deaths of Residents registered beyond District.	DEATHS AT ALL AGES. NETT.	
		Number.	Rate.*	Rate per 1,000 Births registered	Number.	Rate.*	Number.				Rate.*	
1	2	3	4	5	6	7	8	9	10	11	12	13
1890.	12507	313	24.5	33	105	195	15.6	23	11	13	197	15.4
1891.	12533	298	23.8	27	91	212	16.9	19	7	8	213	17.0
1892.	12559	266	21.2	31	117	187	14.9	20	9	9	187	14.9
1893.	12585	306	24.2	39	128	201	16.0	33	15	8	194	15.4
1894.	12610	309	24.6	31	101	190	15.1	37	20	15	185	14.7
1895.	12636	325	25.7	41	126	193	15.3	34	13	14	195	15.4
1896.	12662	298	23.5	34	114	166	13.1	17	7	9	168	13.3
1897.	12688	305	24	30	98	164	12.9	30	19	20	165	13.0
1898.	12714	303	23.8	53	175	203	16.0	29	13	16	206	16.2
1899.	12740	311	24.4	33	106	170	13.7	21	8	26	188	14.8
Averages for years 189-1899.	12613	‡303	24	34.2	113	188	14.9	26.3	12.2	13.8	189.7	15.0
1900.	12765	§268	21	23	88	184	14.4	35	12	12	184	14.4

* Rates calculated per 1,000 of estimated population.

NOTE.—The deaths to be included in Column 7 of this table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term “Non-residents” is meant persons brought into the district on account of illness, and dying there; and by the term “Residents” is meant persons who have been taken out of the district on account of illness, and have died elsewhere.

Area of District in acres (exclusive of area covered by water)—2702.

‡ Not including births at Workhouse.

§ Including births at Workhouse.

Total population at all.....12327 }
Number of inhabited houses 2240 } At Census of 1891.
Average number of persons per house..... 5.5 }

TABLE II.

Showing the Number and Rates of Births and Deaths, in the year 1900, and during the preceding ten years.

NAMES OF LOCALITIES.	BOROUGH. Excluding Barracks.				BARRACKS.		
	YEARS.	Population estimated to middle of each Year.	Births registered (whole district).	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each Year.	Deaths at all Ages.	Deaths under 1 year.
1890	12507	313	190	29	1260	7	4
1891	12533	298	208	26	1260	5	1
1892	12559	266	180	27	1260	7	4
1893	12585	306	187	36	1260	8	4
1894	12610	309	177	33	1260	8	0
1895	12636	325	183	35	1260	11	6
1896	12662	298	165	33	1260	3	1
1897	12688	305	162	27	1260	3	2
1898	12714	303	196	50	1260	10	3
1899	12740	311	182	30	1260	6	3
Averages of Years 189 to 1899.	12613	313	183	32.6	1260	6.8	2.8
1900	12765	*263	169	21	1260	15	3

* Including those at Workhouse.

TABLE III.

Cases of Infectious Disease notified during the Year 1900.

CASES NOTIFIED IN WHOLE DISTRICT AND CASES IN BARRACKS NOT NOTIFIED.	
Notifiable Disease.	At all Ages.
Small-pox	0
Cholera.....	0
Diphtheria	15
Membranous Croup.....	0
Erysipelas	6
Scarlet Fever.....	75
Typhus Fever.....	0
Enteric Fever.....	7
Relapsing Fever.....	0
Continued Fever.....	0
Puerperal Fever.....	0
Plague	0
Totals.....	103

TABLE IV.

Table of Deaths during the Year 1900, in the Windsor Urban District, classified according to Diseases, Ages, and Localities.

CAUSES OF DEATH.	DEATHS IN WHOLE DISTRICT AT SUBJOINED AGES.							DEATHS IN LOCALITIES (AT ALL AGES)	
	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Excluding Barracks.	Barracks.
Whooping-cough	4	2	2	...	...	...	...	3	1
Diphtheria and Membranous Croup	3	...	1	2	...	...	..	...	...
Epidemic influ- enza	6	...	...	...	...	3	3	6	...
Diarrhœa ...	6	5	...	...	...	1	...	3	3
Enteritis	1	1	...	...	...	...	...	1	...
Other septic di- seases	2	...	...	...	...	2	...	2	...
Phthisis	15	...	...	3	2	8	2	14	1
Other tubercular disease	4	1	1	...	...	2	...	4	...
Cancer, malig- nant diseases	12	...	...	...	...	8	4	12	...
Bronchitis ...	29	6	1	...	1	9	12	28	1
Pneumonia ...	15	2	...	...	3	7	3	9	6
Alcoholism Cirr- hosis of liver	2	...	...	...	...	1	1	2	...
Venereal diseases	1	1	...	...	...	...	...	1	...
Heart diseases	19	...	1	2	3	7	6	18	1
Accidents ...	7	...	1	...	...	4	2	6	1
Suicides	1	...	...	...	1	...	...	1	...
All other causes	57	7	...	1	1	20	28	56	1
TOTALS ...	184	25	7	8	11	72	61	169	15

TABLE V.

Showing the Number of Deaths and the Rates of Mortality at several Life-periods.

AGES.	Year 1900.			1890-99. Mean.
	Number Living.	Deaths.	Death Rate.	Deaths.
0— 5 Years.....	1,148	32	28·0	53·1
5—25 Years.....	5,257	19	3·6	17·2
25—65 Years.....	5,700	72	12·6	63·4
65 Years and upwards	660	61	92·4	56·2
ALL AGES.....	12,765	172	*14·5	

* Corrected to Standard Population.

ANNUAL REPORT

OF THE INSPECTOR OF NUISANCES

For the Year ending the 31st December, 1900.



TO THE NEW WINDSOR URBAN SANITARY AUTHORITY.

GENTLEMEN,

I have the honour to present my Annual Report on the Sanitary Work of your Inspector during the year 1900.

A house-to-house inspection has been made of the following localities:—

	Times inspected.		Times inspected.
Alexandra Road	1	Leworth Place	1
Acre Passage	3	Love Lane.....	1
Arthur Road.....	1	Market Street	1
Albert Terrace	1	Melbourne Place	1
Bolton Road.....	1	Melrose Avenue	1
Bridgewater Terrace.....	2	Prince Consort Cottages...	1
Church Street.....	2	Peascod Street.....	1
Charles Street.....	2	Peascod Place.....	1
Charles Street Cottages...	2	Queen's Road.....	1
Clarence Clump.....	4	River Street	1
Cambridge Terrace.....	1	Russell Street	1
Dagmar Road.....	2	Red Lion Row	2
Distil House Row.....	3	South Place.....	2
Devereux Road.....	1	Sired Court.....	1
Frances Road.....	1	St. Leonard's Road.....	1
Grove Road.....	1	St. Leonard's Avenue.....	1
Garden Court.....	3	St. Mark's Place	1
Garfield Place.....	1	Sydney Place.....	3
Great Western Place.....	1	Thames Street.....	1
Goswell Place.....	1	Thames Side.....	1
High Street.....	1	Tolliday Place	1
Helena Road.....	1	Victoria Cottages.....	5
James Street.....	1	Victoria Street.....	1
Jubilee Place.....	1	Waterloo Square.....	2
King's Road	1	Wellington Square.....	2
Keppel Row	2	William Street.....	1
Keppel Street.....	1		

House-to-house inspection as to the following number of	
premises	1,760
Special Visitations	93
Re-inspections	304
House drains unstopped	24
New House drains provided	14
House drains ventilated	18
„ „ repaired	25
„ „ re-constructed	9
„ „ tested	7
„ „ inlets trapped	20
Bell traps abolished	12
New soil pipes provided	4
„ „ repaired	2
Water closets unstopped	31
„ „ removed	1
„ „ re-constructed	11
„ „ flush appliances provided	13
Foul water closets cleansed	14
„ „ flush appliances repaired	30
Sinks properly trapped	21
Baths „ „	1
Lavatories „ „	3
Rainwater pipes disconnected from drains	25
Rainwater pipes and gutters repaired	126
Wells closed and pumps abolished	1
Houses provided with water from water mains	6
Damp houses improved	17
Houses temporarily closed for repairs... ..	7
Yard pavings amended	23
Roofs of houses repaired... ..	63
Houses generally repaired	51
Houses, walls and ceilings of rooms cleansed	161
Reported unfit for habitation	
Overcrowdings in houses abated	13
Urinals improved	2
Foul ditches cleansed	1

Washhouses repaired and improved	...	...	...	...	10
Smoke nuisances abated	...	...	...	...	2
Accumulations of manure removed	...	...	...	...	39
Infected bedding destroyed, number of lots	...	...	...	...	4
Rooms disinfected	...	...	...	...	79
Cases of infectious disease dealt with	...	...	...	...	50
Infected bedding disinfected, number of lots	...	...	...	...	50
Dust bins provided	...	...	...	...	102
Bakehouses repaired and improved	...	...	...	...	2
Common lodgings repaired and improved	...	...	...	...	2
Dairies and cowsheds improved	...	...	...	...	1
Dairies inspected, number of times	...	...	...	...	6
Bakehouses inspected, number of times	...	...	...	...	4
Slaughter houses inspected, number of times	...	...	...	...	104
Common lodging houses inspected, number of times	...	...	...	...	89
Informations and Reports of Nuisances	...	...	...	...	72
Statutory notices served to abate nuisances	...	...	...	...	63
Letters written as to nuisances	...	...	...	...	290
House drains examined and certificates given	...	...	...	...	2
Proceedings to obtain abatement of nuisances	...	...	...	...	2

The courts and squares have been generally inspected each month.

The markets and shops have been kept under constant supervision.

I have made an inspection of the public schools. Disinfection has been carried out in three of them.

The inspection of barges under the Canal Boats Act has received attention.

I have the honour to be,

Your obedient servant,

S. W. MELLOWS, C.S.I.S.E.,

Inspector of Nuisances.